

Appl. No. 10/602,249
Amdr. Dated Mar. 3, 2005
Reply to Office Action of Jan 13, 2005
Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An electrical connector comprising:
an insulative housing defining a receiving space and a first passageway communicating with the receiving space; and

an electrical contact received in the first passageway and comprising a body portion extending in a longitudinal direction, an opening defined in the body portion along the longitudinal direction, a tab extending upwardly from a longitudinal side wall thereof, and a resilient arm extending upwardly and rearwardly from a front end of the body portion, the resilient arm having a contact portion projecting into the receiving space of the insulative housing and an extension formed at a distal free end of the contact portion, the tab having a pressing portion holding the extension of the resilient arm and deflecting the resilient arm toward the body portion when no electronic member is inserted into the receiving space; and

a second, a third, and a fourth electrical contact, the insulative housing defining a second passageway communicating with the receiving space to receive the second and the third electrical contacts and a third passageway communicating with the receiving space to receive the fourth electrical contact; wherein

said second electrical contact comprise a body portion, a contact arm extending forwardly from the body portion and a tail portion extending

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rearwardly from the body portion; and wherein

said third electrical contact comprise a body portion, a contact arm extending forwardly from the body portion and abutting against the contact arm of the second electrical contact, a contact portion formed on a free end of the contact arm and projecting into the receiving space of the insulative housing, and a tail portion extending rearwardly from the body portion.

Claims 2-3 (cancelled)

Claim 4 (previously presented): The electrical connector as claimed in claim 1, wherein the tab extends from a front wall of the opening.

Claim 5 (currently amended): The electrical connector as claimed in claim 1, wherein the tab extends from a ~~[[front]]~~ rear wall of the opening.

Claim 6 (original): The electrical connector as claimed in claim 1, wherein the electrical contact comprises a tail portion extending rearwardly from the body portion.

Claim 7-8 (cancelled):

Claim 9 (currently amended): The electrical connector as claimed in claim ~~[[7]]~~ 1, wherein the fourth electrical contact comprises a body portion, a contact arm extending forwardly from the body portion, a contact portion formed on a free end of the contact arm, and a tail portion extending rearwardly from the body portion.

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Claim 10 (currently amended): The electrical connector as claimed in claim [[7]] 1, wherein the insulative housing comprises a front face, a rear face opposite to the front face, a top face, a bottom face opposite to the top face, a first side face, and a second side face opposite to the first side face.

Claim 11 (original): The electrical connector as claimed in claim 10, wherein the insulative housing is formed with a mating portion extending forwardly from the front face thereof, and wherein the receiving space is defined in the mating portion and extending rearwardly through the insulative housing.

Claim 12 (original): The electrical connector as claimed in claim 11, wherein the first passageway extends forwardly from the rear face of the insulative housing and is located below the receiving space.

Claim 13 (original): The electrical connector as claimed in claim 11, wherein the second passageway extends forwardly from the rear face of the insulative housing and is located on the right of the receiving face of the insulative housing, and wherein the third passageway extends forwardly from the rear face of the insulative housing and is located on the left of the receiving face of the insulative housing.

Claim 14 (original): The electrical connector as claimed in claim 10 further comprising a metallic shell enclosing the insulative housing and having a top wall, a bottom wall opposite to the top wall, a first side wall, a second side wall opposite to the first side wall, and a plurality of solder portions extending from the top and the bottom walls and beyond the rear

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face of the insulative housing.

Claim 15 (original): The electrical connector as claimed in claim 14, wherein the insulative housing defines a top groove in the top face and a bottom groove in the bottom face thereof, and wherein each of the top and bottom walls of the metallic shell is formed with a tab abutting against a rear end of the top and bottom grooves of the insulative housing.

Claim 16 (original): The electrical connector as claimed in claim 14, wherein the insulative housing is formed with a pair of projections on the first side face thereof, and wherein the metallic shell defines a pair of gaps on the first side wall thereof and engaging with the pair of projections on the first side face of the insulative housing.

Claim 17 (original): The electrical connector as claimed in claim 14, wherein the insulative housing is formed with a projection on the second side face thereof, and wherein the metallic shell defines a gap on the second side wall thereof and engaging with the projection on the second side face of the insulative housing.

Claim 18 (cancelled)

Claim 19 (currently amended): An electrical connector assembly comprising:

an insulative housing defining a receiving space ~~in~~ along a lengthwise axis in a ~~front-to-back~~ front-to-back direction ~~thereof~~ thereof;

a plurality of contact receiving passageways formed in the housing in

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~~communicating~~ communication with said space;

a plurality of contacts disposed in the corresponding passageways, respectively, and extending into the receiving space; and

at least one of said contacts defining a body portion with a tail portion extending from a rear portion thereof, and a resilient arm extending from a front portion of the body portion along the lengthwise axis with a contact portion located at a distal end of the arm and laterally invading the receiving space, an extension formed at a distal free end of the contact portion and held by a tab which extends from the body portion along said lengthwise axis; wherein

said tab holds the extension in a lateral direction perpendicular to said lengthwise axis when no plug is inserted into the receiving space, while the extension is disengaged from the tab toward the body portion when said plug is inserted into the receiving space and engages and urges the contact portion; wherein

said tab is stamped and split from the body portion and forms the an opening in said body portion correspondingly.

Claim 20 (cancelled)

Claim 21 (currently amended): An electrical connector comprising:

an insulative housing defining a receiving space and a first passageway communicating with the receiving space; and

an electrical contact received in the first passageway and comprising a body portion, a resilient arm and a tab both extending from the body portion, the resilient arm having a contact portion projecting into the receiving space of the insulative housing and an extension extending from

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the contact portion, the tab having a pressing portion holding the extension of the resilient arm and deflecting the resilient arm toward the body portion; wherein

the insulative housing comprises a front face, a rear face opposite to the front face, a top face, a bottom face opposite to the top face, a first side face, and a second side face opposite to the first face, the electrical connector further comprising a metallic shell enclosing the insulative housing and having a top wall, a bottom wall opposite to the top wall, a first side wall, a second side wall opposite to the first side wall, and a plurality of solder portions extending from the top and bottom walls and beyond the rear face of the insulative housing.